

WHAT IS CLAIMED IS:

1. An image forming system comprising:

an image display member on which a first image is
5 displayed; and

an image forming apparatus, wherein:

the image display member includes a data supply
apparatus, which stores therein data of a second image
and authentication data used for an access authentication
10 to the data of the second image and supplies the stored
data of the second image and the stored authentication
data to an external; and

the image forming apparatus includes:

an image reading section for reading the
15 displayed first image;

a data reading section for reading the
supplied data of the second image and the supplied
authentication data;

an authentication section for receiving
20 access to the data of the second image and
determining whether or not allowing the access
to the data of the second image, on the basis of
the read authentication data; and

an image forming section for forming the first
25 image and the second image when the access to the

data of the second image is authenticated, and
for forming the first image in the other cases.

2. The image forming system according to claim
5 1, wherein:

the data supply apparatus has an encrypting section
for encrypting the data of the second image and the
authentication data, which are supplied to the external;
and

10 the image forming apparatus further includes:

a decrypting section for decrypting the read
authentication data.

3. The image forming system according to claim
15 1, wherein:

the data of the second image and the authentication
data, which are supplied to the external, have been
encrypted; and

the image forming apparatus further includes:
20 a decrypting section for decrypting the read
authentication data.

4. The image forming system according to claim
1, wherein the data reading section reads the data of
25 the second image when the access to the data of the second

image is authenticated.

5. The image forming system according to claim 1, wherein:

5 when the access to the data of the second image is not authenticated, the image forming section forms the first image, second image, and an image indicating that the access to the data of the second image is not authenticated.

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6. The image forming system according to claim 1, wherein:

the image display member is an original on which the first image is formed;

15 the data supply apparatus is attached to the original;

the data supply apparatus is a non-contact memory, wherein the data of the second image and the authentication data, which are stored in the non-contact memory, are
20 readable from the external in a non-contact manner; and

the data reading section of the image forming apparatus reads the supplied data of the second image and the supplied authentication data from the non-contact memory in the non-contact manner.

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7. The image forming system according to claim 1, wherein:

the authentication data is a password;

the data reading section reads the supplied data
5 of the second image and the supplied password; and

when an input password for the access to the data of the second image is coincident with the read password, the authentication section allows to access the data of the second image.

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8. The image forming system according to claim 1, wherein:

the data of the second image indicates an image, which should be formed in combination with the data of
15 the first image; and

when the image forming section forms the second image, the image forming section forms the second image in combination with the first image.

20 9. An image display member comprising:

a first image displayed on a surface of the image display member; and

a data supply apparatus for storing data of a second image and authentication data used for access
25 authentication to the data of the second image and

supplying the stored data of the second image and the stored authentication data to an external.

10. The image display member according to claim
5 9, wherein:

the data supply apparatus includes an encrypting section for encrypting the data of the second image and the authentication data before supplying the data of the second image and the authentication data to the external.

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11. An image forming apparatus comprising:

an image reading section for reading a first image
of a image display member;

a data reading section for reading data of a second
15 image and authentication data from the image display
member;

an authentication section for receiving access to
the data of the second image and determining whether or
not allowing the access to the data of the second image
20 on the basis of the read authentication data; and

an image forming section for forming the first image
and the second image when the access to the data of the
second image is authenticated, and for forming the first
image in other cases.

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12. The image forming apparatus according to claim 11, further comprising:

a decrypting section for decrypting the read authentication data.

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13. An image forming method comprising:

supplying data of a second image and authentication data;

reading a first image;

10 reading the supplied data of the second image and the supplied authentication data;

receiving access to the data of the second image;

determining whether or not authenticating the access to the data of the second image on the basis of the read authentication data; and

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forming the first image and the second image when the access to the data of the second image is authenticated, and forming the first image in the other cases.

20 14. A program making a computer perform a process comprising:

reading a first image;

reading data of a second image and authentication data;

25 receiving access to the data of the second image;

determining whether or not authenticating the
access to the data of the second image on the basis of
the read authentication data; and

forming the first image and the second image when
5 the access to the data of the second image is authenticated,
and forming the first image in the other cases.